

REMARKS

Claim 1 has been amended. Claims 1-19 are pending in this application.

Claims 1-19 were rejected under 35 U.S.C. 102(e) as being anticipated by *Saito* (U.S. Patent No. 7,317,798).

Amended independent claim 1 recites in part the following:

the terminal device acquires a random number and random number identification information identifying the random number, and generates a conversion value by converting a set of the acquired random number and the confidential information using a one-way function;

the authentication server acquires (i) the random number acquired by the terminal device, using the random number identification information acquired by the terminal device, (ii) the confidential information of the terminal device, and (iii) the conversion value generated by the terminal device;

a conversion value is generated by the authentication server by converting the set of the acquired random number and the confidential information acquired by the authentication server using the same one-way function

(Emphasis added.) Accordingly, in the system of claim 1, a terminal device may acquire a random number and random number identification information identifying the random number, and generate a conversion value using the acquired random number; and an authentication server may, using the random number identification information acquired by the terminal device, acquire the random number acquired by the terminal device and then, based on the random number acquired by the terminal device, which is acquired by the server using the random number identification information, generate a conversion value. The conversion values respectively generated by the terminal device and the authentication server may be compared, thereby providing for authentication of the terminal device. An example of the

apparatus of claim 1 is illustrated in FIGs. 1-4, and in the specification at page 30, lines 3-6 through page 31, line 2 and page 31, line 29 through page 32, line 4 of the present application.

Although the applied portions of *Saito* appear to describe generating a digest (conversion) value at a calling terminal using a random number received from a server, nowhere does *Saito* appear to disclose or suggest that the terminal acquires "random number identification information identifying the random number" (emphasis added), where the random number is also acquired by the terminal and used to generate the conversion value at the terminal, as required by claim 1. Further, the applied portions of *Saito* do not appear to disclose or suggest that the server acquires "the random number acquired by the terminal device, using the random number identification information acquired by the terminal device," (emphasis added) and generates a conversion value using the random number acquired by the terminal, which the server has acquired, as required by claim 1.

Accordingly, it is respectfully submitted that, for at least the above reasons, claim 1 as presented herein is distinguishable from *Saito*.

Claims 2-19 depend from independent claim 1. Accordingly, it is also respectfully submitted that dependent claims 2-19 are distinguishable from *Saito* as applied by the Examiner for at least the same reasons as previously described for claim 1.

As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance are earnestly solicited.

If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that he telephone applicant's attorney at

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(908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

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Respectfully submitted,

By 
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